

IN THE ABSTRACT:

Please replace the original abstract with the following:

ABSTRACT OF THE DISCLOSURE

The security reversible key with an assigned cylinder (Z) has a blocking groove (BN) with a coded blocking depth (B1, B2, B3), which runs parallel to the axis of the key (x) from the tip of the key to at least the first position (P1) of a row of tumbler pins (A2) on the key. In the assigned cylinder, at least at the rearmost coding position (P1), a pair of tumbler pins corresponding to the blocking groove (BN) with a blocking tumbler pin (BZ) and an extended blocking counter pin (BG) are provided. The blocking counter pin (BG) impinges on the cylinder housing (10) if the blocking groove is insufficiently deep and, with this, complete insertion of a key with an insufficiently deep blocking groove is blocked by the pair of blocking tumbler pins. Simultaneously, the blocking tumbler pin (BZ) with the counter pin (BG) at the position (P1) also serves as coding tumbler pin. In the case of the locking system with security reversible keys for locking installations at least two areas are defined. In a first area (G1) several additional security elements and a blocking code function are provided while, in the second area (G2), a more simple basic coding are foreseen. With the first area (G1), an unequivocal segmentation into independent market areas (M1, M2, M3) is defined and, with this, a world-wide unique locking system with enhanced security and applicability is created.